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Copyright (c) 1993 - 2003 Compugen Ltd.
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ISM Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

1 (bases 1 to 1078)

12 (bases 1 to 1078)

13 (Mil-MoC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Contact: Robert Strausberg, Ph.D.

Email: Ggapbs-r@mail.nih.gov

Tissue Procurement: Lou Staudt.

CDNA Library Preparation: Rubin Laboratory

CDNA Library Preparation: Rubin Laboratory

CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:

found through the I.M.A.G.E. Consortium/LLNL at:

http://image.llnl.gov

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High quality sequence stop: 593.
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sapiens cDNA clone IMAGE:5920208
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AQ613053 UT-HF-BNO
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/lab host="PH108 (phage-resistant)"
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/clome lib="NIH MGC 99"
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/clone="IMAGE:5920208"
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0; Mismatches 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 832-824-4536
Pax: 832-825-4038
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1102 Bates, MC3-3320 Houston,
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/clone="TCBAP2669"
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TCBAPID2669 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA Homo sapiens cDNA clone TCBAP2669, mF sequence BE244935 BE244935.1 GI:9096765 mRNA

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 508)
Wei,Y. Tsang,Y.T.M., Mei,G., Ku,J.M., Ali-Osman Jr.,F.R., Muzny,D., Bouck,J., Gibbs,R.A. and Margolin,J.F.
Pediatric Leukemia cDNA Sequencing Project

Contact: Dr. Judith F. Margolin Texas Children's Cancer Center and Human Genome TX 77030, USA Sequencing Center

/clone 11b="Pediatric pre-B cell acute lymphoblastic /clone 11b="Pediatric project=TCBA"
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/first strand cDNA was primed with an anchored XhoI-oligo(dT) primer [5'GGAGGACTCGAGCGGCGCAGGAGGAT]') VN 3'; V=A,C,G; N=A,C,G,T] and then dG tailed. Second strand was primed with a BamH1-dC primer [5'AGAGAGCTCGAGTCGGCGCAATAATAATAATC] 3'].

Double-stranded cDNA was then digested with BamH1 and XhoI and directionally cloned into the BamH1 and Sall sites of lambda pSB vector. Library went through one round of normalization. Library went through one round of normalization. Library went through one round of normalization. Library went through one round of sof Japan (Carninci P, Westover A, Nishiyama Y, Obsumi T, Itoh M, Nagaoka S, SasakiN, Okazaki Y, Muramatsu M, Schneider C, Hayashizaki Y, High efficiency selection of full-length cDNA by improved biotinylated cap trapper., DNA Res 4: 1, 61-6, Feb 28, 1997)"

928 TCAGGGCCCCAGCCACCCAACAGACAAGATGGAAGAAGGAACGTTGCAGAGGACGAAGAGGG 1 TCAGGGCCCCAGCCAACAGACAAGATGGAAGAAGGACCTTGCAGAGGACGAAGAGG CTTTCCTGGGGCAAGAGCACCAGGCTCCAGGGCACTCGGAGGCTGGTGGGGTGGACTCAG Score 490.6; DB 10; Length Pred, No. 5.4e-103; Indels ۲, Gape 1107 119 1047 60 179

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Manmalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 430)

Nei,Y., Tsang,Y.T.M., Mei,G., Ku,J.M., Ali-Osman Jr.,F.R., Muzny,D.

Bouck, J., Gibbs,R.A. and Margolin,J.F.

Pediatric Leukemia cDNA Sequencing Project

Unpublished

Contact: Dr. Judith F. Margolin

Contact: Dr. Judith F. Margolin
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TCBAP1D2918
Baylor-HGSC
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Texas Children's Cancer Center and Human Genome at Baylor College of Medicine 1102 Bates, MC3-3320 Houston, TX 77030, USA Tel: 832-824-4536
                                                                                                                                                                                                                                                                                                                                                                                                                            Fax: 832-825-4038
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                                                                                                                                                                                                                                                                                                                                                                                                        clones@txccc.org
Coone lib="Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA" [note="Vector: lambda pSB; Site_1: BamHI; Site_2: EcoRI; First strand cDNA was primed with an anchored xhol-oligo(dT) primer [5'GGAGGACTCGAGGCGCCCAGGAGAC(T) VN "V=A.C.(g.; N=A.C.(g.,T) and then dG tailed. Second strand was primed with a BamH1-dC primer [5'AGAGGCTCGGATCGGCCCCAATAATAATAATAC() 3'].

Double-stranded cDNA was then digested with BamH1 and Xhol and directionally cloned into the BamH1 and Sall sites of
                                                                                                                                                                                                                                                      /organism≈"Homo sapiens"
/mol_type="mRNA"
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                                                                                                                                                                       /tissue_type="leukopheresis"
/cell_type="pre-B cell"
/dev_gtsge="pediatric 2 years"
lab_host="DH10B"
                                                                                                                                                                                                                                         sex="male"
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Pediatric pre-B cell acute lymphoblastic leukemia
project=TCBA Homo sapiens cDNA clone TCBAP2918, mRNA
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lambda pSB vector. Library went through one round of normalization. Library was constructed by Wei Yu at RIKEN of Japan (Carninci P. Westover A. Nishlyama Y. Ohsumi T. Itoh M. Nagaoka S. BasakiN. Okazaki Y. Muramatsu M. Schneider C. Hayashizaki Y. High efficiency selection of full-length cDNA by improved blotinylated cap trapper., DNA Res 4: 1, 61-6, Feb 28, 1997)"
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Query Match Best Local Similarity Matches 417; Conserv 928 TCAGGGCCCCAGCCCAACAGACAGATGGAAGAAGGACCTTGCAGAGGACGAAGAGGG CTGAGAAGGGGCCAAGGCCAAGGGCCGGGTGGGGATGGCCACCAAGAATCTCTCCCACCAC 360 CTGGGCCACC CTGGGCCACC CTGAATTCTCCAAGGACTCGGGATTTCCTGGAAGAGCTCCCAGAAGATAACCTTCTCCTC CTGAATTCTCCAAGGACTCGGG-TTTCCTGGAAGAGCTCCCAGAAGATAACC-TCTCCTC 1345 CTGAGAAGGGCCAGGCCAAGGGCCGGGTGGGGATGGGCACCAAGAATCTCTCCCCACCAC 128: GAAGCTGGGCCAGCACTGTGGACTCCTCCTGGGACAGGGCTGGGTCCTCTGGCTATTTGG GGAGGCCCAGGGCTCCTCTGGTCCCAAGCGAAGGCTCCTCTGCTTGGGATTCTTCAGACA GGAGGCCCAGGGCTCCTCTGGTCCCAAGCGAAGGCTCCTCTGCCTTGGGATTCTTCAGACA 1167 CTTTCCTGGGGCAAGAGCACCAGGCTCCAGGGCACTCGGAGGCTGGTGGACTCAG GAAGCTGGGCCAGCACTGTGGACTCCTCGGGACAGGGCTGGGTCCTCTGGCTATTTGG AGGAGGATGAGGAGGACACAGAAGATGGCGTCAGCTTCCAGCCCTACATTGAACCACCTT CTTTCCTGGGGCAAGAGCACCAGGCTCTATTGCACTCGGAGGCTGGTGGGGGTGGACTCAG AGGAGGATGAGGAGACACAGAAGATAGCGTCAGCTTCCAGCTCTTCTTTGAACCGGGTT TCAGGGCCCCAGCCAACAGACAAGATGGAAGAAGGACCTTGCAGAGGACGAAGAGG Conservative 1355 430 24.3%, 97.0%, 0; Score 388.4; DB 10; Pred. No. 2.3e-79; 0; Mismatches 11; Length 430; <u>ب</u> Gape 420 1227 300 240 180 1107 120 1047 60

836 bp.
AGENCOURT 8585742 NIH MGC 99 HOMO
5', mRNA sequence.:
BU151377
BU151377.1 GI:22664909
BST. Unpublished
Contact: Robert Strausberg, Ph.D.
Contact: Robert Strausberg, Ph.D.
Email: cgspbs-remail.nih.gov
Tissue Procurement: Lou Staudt
CDNA Library Preparation: Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.B. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2525 row: k column: 18 Eukaryota; Metazoa; Chordata; Cr Mammalia; Eutheria; Primates; Ca 1 (Dases 1 to 836) NIH-MGC http://mgc.nci.nih.gov/. National Institutes of Health, M Homo sapiens (human) Chordata, Craniata, Vertebrata, Euteleostomi, Primates, Catarrhini, Hominidae, Homo. Mammalian mRNA linear I sapiens cDNA clone Gene Collection (MGC) EST 03-SEP-2002 : IMAGE:6304649 þe

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REFERENCE
AUTHORS
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Mammalia; Eutheria; Primates; Catarrhini;
1 (bases to 991)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian
  Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
                                           Unpublished
                                                                                                                                                                      Homo sapiens
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/clone="IMAGE:6304649" |
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/tissue_type="lymphoma, cell line" |
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                                      AQ610898 GSS 15-JUN-1999
HS 5105_A2_G06 SP6E RPCI-11 Human Male BAC Library Homo Bapiens
genomic clone Plate=681 Col=12 Row=M, genomic survey sequence.
AQ610898 GSS.
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CDNA Library Preparation: Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
http://image.llnl.gov
k column: 02
High quality sequence stop: 645.
Location/Qualifiers
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//db_xref="taxon:9606"
//db_xref="taxon:9606"
//db_xref="taxon:9606"
//clone="1MAGE:5808505"
//tlssue_type="lymphoma, cell line"
//lab_host="D110B (phage-resistant)"
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//clone_lib="NHH_MGC_99"
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//core="Corgan: lymph; Vector: poTB7; Site_1: XhoI; Site_2:
//core="Corgan: lymph; Vector: poTB7; Site_1: XhoI; Site_2:
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                                                                                                                                                                                                                                                                                                                                                                                           834 GCAACCTTTCAGCCCAGCAGACCAGAGTCCGTGAATGACTTGTTCCTCTGTCCCCAAAAG 893
                                                                                                                                                                                                                                                                                                                                      894 GAACTGACCAGAGGGGTCAGGCCGACGCCTCGAGTCAGGGCCCCAGCCAACCACAGACA 953
                                                                                                                                                                                                                                                                                                                                                                                                                                               410;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: jwallace@u.washington.edu
Clones are derived from the human BAC library RPCI-11. For BAC
Clones availability, please contact Filter de Jong
(pieter@dejong.med.buffalo.edu). Clones may be purchased from
BACPAC Resources (http://bacpac.med.buffalo.edu/ordering_bac.htm)
or from Resear h Genetics (info@resgen.com). BAC end Web Server:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Mahairas GG, Wallace JC, Hood L
High Throughput Sequencing Center
University of Mashington
401 Queen Anne Avenue North, Seattle, WA 98109,
Tel: (206) 616-3618
Fax: (206) 616-3887
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 http://www.htsc.washington.edu
Plate: 681 row: M column: 12
Seq primer: SP6
Class: BAC ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence-tagged connectors: A sequence approach to mapping scanning the human genome Proc. Natl. Acad. Sci. U.S.A. 96 (17), 9739-9744 (1999)
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                       GCTACCTTTCAGCCCAGCAGACCAGAGTCAGTGAATGACTTGTTCCTCTGTCCCCCAAAAG 395
                                                                                                                                                                                                   GGCGTCAGCTTCCAGCCCTACATTGAACCACCTTCTTTCCTGGGGCAAGAGCACCAGGCT 1073
                               AGCGAAGGCTCCTCTGCTTGGGATTCTTCAGACAGAAGCTGGGCCAGCACTGTGGACTCC 1193
                                                                                                                             CCAGGGCACTCGGAGGCTGGTGGGGTGGACTCAGGGAGGCCCAGGGCTCCTCTGGTCCCA 113:
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                                                                                                   ccaedecacreer-eeereaacreaeaaacceaerecrerrereereca
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone lib="RPCI-11 Human Male BAC Library"
/note="Vector: pBACe3.6; Site_1: EcoRI; Site_2: EcoRI;
Male blood DNA was isolated from one randomly chosen donor
and partially digested with a combination of EcoRI and
EcoRI Methylase. Size selected DNA was cloned into the
pBACe3.6 vector at EcoRI sites"
a 137 c 128 g 115 t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          22.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 361.6; DB
Pred. No. 3.8e-7
0; Mismatches
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AUTHORS
TITLE
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ORGANISM
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BQ894374/c
LOCUS
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VERSION
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Source
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                                                                                                                                                                                                                                Matches
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Best Local :
                                                                                                                                                                                                                                                                                                                     COUNT
                                                                                               497
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                                 437
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982
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert Strausberg, Ph.D. Email: cgapbs-remail.nih.gov
Tissue Procurement: Lou Staudt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BQ894374.1 GI:22286388
BQ894374.1 GI:22286388
EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          found through the I.M.A.G.E. Consortium/LLNL at: http://xmage.lnl.gov
Plate: LLCMA524 row: 1 column: 16
High quality sequence stop: 510.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1. (bases 1 to 964)
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AGENCOURT_8623992 NIH_MGC_99
5', mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                              Similarity
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Agencourt Bioscience Corporation

Clone distribution: MGC clone distribution information can
                                                                                                                                                                                                                                                                                        | CTGGACTTTTCTGGACACACACACCCTGTGGCAACCCTTTCAGCCCAGCAGACCAGAGT-C
AAGAGGAGGAGGATGAGGAGGACACAGAAGATGGCGTCAGCTTCCAGCCCTACATTGAAC 1041
                                                                              CTCGAGTCAGGGCCCCAGCCCAACAGACAAGATGGAAGAAGGACCTTGCAGAGGACG
                                                                                                                                                   CGTGAATGACTTGTTCCTCTGTCCCCAAAAGGAACTGACCAGAGGGGTCAGGCCGGACGC:438
                                                                                                                                                                                                       CGTGAATGACTTGTTCCTCTGTCCCCAAAAGGAACTGACCAGAGGGGTCAGGCC-GACGC 921
                                                 CTCGAGTCAGGGCCCCAGCCAACAGACAGACAAGATGGAAGAAGGACCTTGCAGAGGACG
                                                                                                                                                                                                                                                           CAGGACTTTTCTGGACACGCACACCCTGTGGCAACCTTTCAGCCCAGCAGACCAGAGTCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                 Conservative.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /tissue_type="lymphoma, cell line"
/lab_host="PH10B (phage-resistant)"
/clone_lbe"NH10B (phage-resistant)"
/clone_lbe"NH10B (phage-resistant)"
/clone_lbe"NH1 MGC 99"
/note="Organ: lymph; Vector: pOTB7; Site_1: XhoI; Site_2:
/note="Organ: lymph; Vector: pOTB7; Site_1: XhoI; Site_2:
/coRI; CDNA made by oligo-dT priming Directionally cloned
into EccRIXhoI sites using the following 5' adaptor:
GGCACGAG(G). Size-selected >500bp for average insert size
1.8bb. Library constructed by Ling Hong in the laboratory
of Gerald M. Rubin (University of California, Berkeley)
using ZAP-cDNA synthesis kit (Stratagene) and Superscript
II RT (Life Technologies). Note: this is a NIH_MGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Library." .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                        22.5%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   one="IMAGE: 6304287"
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                                                                                                                                                                                                                                                                                                                                                              Score 359.8; DB 13;
Pred. No. 1.3e-72;
0; Mismatches 2;
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sapiens cDNA clone IMAGE:6304287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gene
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Query Match 21.8%; Score 348; DB 28; Length 541; Best Local Similarity 87.3%; Pred. No. 5.6e-70; Matches 404; Conservative 0; Mismatches 56; Indels 3; Gaps 2;	/mol_vypes yellouitC DNA /mol_vypes yellouitC DNA /db xrefs traxon:9666s /clone=Plates681 Col=12 Row=G" /sex="male"	Clones are derived from the human BAC library RPCI-11. For BAC library availability, please contact Pieter de Jong (pieter@dejong.med.buffalo.edu). Clones may be purchased from BACPAC Resources (http://bacpac.med.buffalo.edu/ordering_bac.htm) or from Resear h Genetics (info@resgen.com). BAC end Web Server: http://www.htsc.waahington.edu Plate: 681 row: G column: 12 Seq primer: SP6 Class: BAC ends High quality sequence stop: 541. Location/Qualifiers 1.541 Location/Gualifiers 1.541 Lorganism="Homo sapiens"	Sequence-teggéd connectors: A sequence approach to mapping and scanning the human genome JOURNAL Proc. Natl. Acad. Sci. U.S.A. 96 (17), 9739-9744 (1999) 99380589 PUBMED 10449764 COMMENT High Throughput Sequencing Center University of Washington 401 Queen Anne Avenue North, Seattle, WA 98109, USA Tel: (206) 616-3867 Fax: (206) 616-3867 Email: Jwallaceeu.washington.edu	y Homo sapiens vey sequence. i, Euteleostomi, ie; Homo. i., Adams, M.D. a.	Db 377 AAGAGGAGGAGGAGGAGGAGGACACAGAAGATGCGTCAGCCTTCCAGGCTGACATTGAAC 318 Qy 1042 CACCTTCTTTCCTTGGGGCAAGACACCAGGCTCCAGGCTCCAGGCTGGAGTTGAAC 318 Qy 1042 CACCTTCTTTCCTTGGGGCAAGACCACCAGGCTCCAGGCTTCCAAGGCTGGTGGGGTTGG 1101 Db 317 CACCTTCTTTCCTGGGGCAAGACCACCAGGCTCCAGGCACTCGGAGGCTGGTGGGGTTGG 258 Qy 1102 ACTCAGGAAGCCCAGGGCTCCTTGGTAGGCAATTCTT 1161 Db 257 ACTCAGGGAGGCCCAGGGCTCCTCTGGTAGGCTCCTTGGGAATTCTT 1198 Qy 1162 CAGACAGAAGCTGGGCCCAGGCTCCTCTGCTTGGGATTCTT 198 Qy 1162 CAGACAGAAGCTGGGCCAGCACTGTGG 1188 Db 197 CAGACAGAAGCTGGGCCAGCACTGTGG 171 RESULT 8 AG610868/c AG610868
/lab_host="DHINGS" (LTI)" /lab_host="DHINGS (LTI)" /clone_lib="NNH_MGC_50" /note="Vector: pT7T3-Pac; Site_1: NotI; Site_2: Eco RI;	Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/tmage/image.html Seq primer: M13 Forward. FEATURES Source Cocation/Qualifiers Coration/Qualifiers Coration/Suref="taxon:9606" Colone="IMANA" College="Jungh" Cilone="IMAGE:3066106" Cilone="IMAGE:3066106" Cilone="IMAGE:3066106" Cilone="Germinal center B cells"	Eukar Mamma 1 (b NIH-M Natio Unpub Conta Email Eco R Ties CDNA CDNA	SULT 9 430530 BU430530 358 bp mRNA 11 FINITION UI-HF-BNO-aez-h-06-0-UI.rl NIH MGC_50 Homo sa CESSION BU430530 5', mRNA sequence. RSION BU430530 GI:22769017 YWORDS EST. WORDS EST. Homo sapiens (human)	Db 295 ÁGÁGCACCAGGCTÁCAGGCACTCGTGGACATTCTTCAGACAGAGGCACAGAGGCC 236 Qy 1121 TCCTCTGGTCCCAAGCGAAGGCTCCTCTGCTTGGGATTCTTCAGACAGA	Oy 821 CACACACCCTGTGGCAACCTTTCAGCCCAGACCAGAGTCCGTGAATGACTTGTTCCT 880

BASE COUNT ORIGIN

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Query Match
Best Local S
Matches 351
Nikaiddo, I., Osato, N., Kasukawa, T., Adachi, J., Bono, H., Kondo, S., Nikaiddo, I., Osato, N., Saito, R., Suzuki, H., Yamanaka, I., Kiyosawa, H. Pagisi, K., Tomaru, Y., Hasegawa, Y., Nogami, A., Schonbach, C., Gojobori, T., Baldarelli, R., Hill, D.P., Bult, C., Hume, D.A., Quackenbush, J., Schriml, L.M., Kanagin, A., Matsuda, H., Batalov, S., Baisel, K.W., Blake, J.A., Bradt, D., Brusic, V., Chothia, C., Corbani, L.B., Cousins, S., Dalla, B., Dragani, T.A., Fletcher, C.F., Forrest, A., Frazer, K.S., Gastberland, T., Gariboldi, M., Gissi, C., Godzik, A., Gough, J., Grimmond, S., Gustincich, S., Hirokawa, N., Jackson, I.J., Jarvis, E.D., Kanai, A., Kawaji, H., Kawasawa, Y., Kedzierski, R.M., King, B.L., Konagaya, A., Kurochkin, I.V., Lee, Y., Lenhard, B., Lyons, P.A., Maglott, D.R., Maltais, L., Marchionni, L., McKenzie, L., Mixi, P.A., Maglott, D.R., Maltais, L., Marchionni, L., McKenzie, L., Mixi, P.A., Maglott, D.R., Maltais, L., Marchionni, L., McKenzie, L., Mixi, P.A., Magashima, T., Numata, K., Okido, T., Pavan, W.J., Pertea, G., Pescole, G., Pettcovsky, N., Pillaid, R., Ponisus, J.U., Qi, D., Ramachandran, S., Ravasi, T., Reed, J.C., Reed, D.J., Reid, J., Ring, B.Z., Ringwald, M., Sandelin, A., Schneider, C., Semple, C.A., Setou, M., Shimada, K., Sultana, R., Takenaka, Y., Taylor, M.S., Tessdale, M., Yang, L., Yang, L., Yuan, Z., Zavolan, M., Zhu, Y., Zimmer, A., Marakawa, T., Kono, H., Nakamura, M., Sakazume, N., Sato, K., Shiraki, T., Waki, K., Kawai, J., Aizawa, K., Arakawa, T., Kung, H., Miyazaki, A., Sakai, K., Sasaki, D., Shibata
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BY729118
BY729118.1 GI:27142245
EST.
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Mammalia; Eutheria;
1 (bases 1 to 640)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AGAGCTCTCCCACCCGTAGACGGTGGCGCGAAGTGGAAGAGTGTGCGGGAACCAAGGAGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ACCTGACATGGCTCCCAGGGCTTGGCAACCCCCAGGATGTGACCTATTTTTGTGGCC-ATC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GGAGGCCCCGTCTGGCCCCTCCCCAGAATGTGACGCTGCTCTCCCAGAACTTCAGCGTGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TGCGGACGGTTTCTCCCAGCTCCAAGTCCCCCTGGGTGGAGTCCGAATACCTGGAT 359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TGCTATGTTCTATGATGTGCCTGAAGAAACAGGACCTGTACAACAAGTTCAAGGGACGCG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             640 bp mRNA linea:
RIKEN full-length enriched, 7 days embr;
cDNA clone C430033A03 5', mRNA sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Constructed from size fractionated cytoplasmic mRNA (3.5-4.4kb). Directionally cloned. Cells provided by Louis M. Staudt, Ph.D. Library preparation by Maria de Fatima Bonaldo, Ph.D. and M. Bento Soares, Ph.D. " a 112 c 108 g 70 t 1 others
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ACCESSION VERSION KEYWORDS

ORGANISM

REFERENCE AUTHORS

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Email: genome-res@gec.riken.go.jp,

NRL:http://genome.gec.riken.go.jp/
Adachi,J., Aizawa,K., Akimura,T., Arakawa,T., Carninci,P., Fukuda
Adachi,J., Aizawa,K., Akimura,T., Arakawa,T., Hori,F., Imotani,K.,
S., Hashizume,W., Hayashida,K., Hirozane,T., Hori,F., Imotani,K.,
Ishii,Y., Itoh,M., Kagawa,I., Kawai,J., Kojima,Y., Kondo,S., Konno
H., Koya,S., Miyazaki,A., Murata,M., Nakamuza,M., Nomura,K.,
Numazaki,R., Ohno,M., Ohsata,N., Saito,R., Sakazume,N., Sano,H.,
Sasaki,D., Sato,K., Shibata,K., Shiraki,T., Tagami,M., Takeda,Y.,
Waki,K., Watahiki,A., Muramatsu,M. and Hayashizaki,Y. Direct
Computer-based methods for the mouse full-length cDNA encyclopedia: real-time sequence clustering for construction of a nonredundant cDNA library. Genome Res. 11 (2), 281-289 (2001) cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to
                                                                                                                                                                                                                                                                                                                                                                                                                 Computational Analysis of Full-Length Mouse cDNAs Compared with Human Genome Sequences Mamm. Genome. 12, 673-677 (2001)

Normalization and subtraction of cap-trapper-selected cDNAs to prepare full-length cDNA libraries for rapid discovery of new genes. Genome Res. 10 (10), 1617-1630 (2000)

RIKEN integrated sequence analysis (RISA) system--384-format
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The Institute of physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0
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Analysis of the mouse transcriptome
of 60,770 full-length cDNAs
                                                                                                                                                                                                                                                                                                                                 sequencing pipeline with 384 multicapillary 10 (11), 1757-1771 (2000)
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and Hayashizaki,Y
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prepare mouse tissues.
Please visit our web site (http://genome.gsc.riken.go.jp) for Cocation/Qualifiers

/tissue_type="whole_body" /dev_stage="7 days_embryo" /clone_lib="RIKEN_full-length_enriched, /organism="Mus musculus" /mol_type="mRNA" /strain="C57BL/6J" /db_xref="taxon:10090" /clone="C430033A03"

/clone lib="RIKEN rus whole body" 205 c : 181 g 127

67 AGGCCCCGTCTGGCCCCCCCCAGAATGTGACGCTGCTCTCCCAGAACTTCAGCGTGTAC 126 CTGACATGGCTCCCAGGGCTTGGCAACCCCCAGGATGTGACCTATTTTTGTGGCCATCAGA 186 AGGCCCCGTCTAGCCCCACCCAGAAACGTGACACTCTTCTCCCAGAACTTCACTGTTTAC ATGTGGCGGGCCGACCGGTGGGCGCCCCTACTCCTGTTGCAGAGCGCCCTAGGA 146 wielecececic de la respectación 20.7%; nilarity 75.9%; Conservative 0 Score 330.8; DB 14; Pred. No. 5.7e-66; 0; Mismatches 132; Indels 2 Gaps

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                                                                                                                                                                                                                                                                                                               Contact: Shaying Zhao, William Nierman, Mark Adams
Department of Eukaryotic Genomics
The Innetitute for Genomic Research
9712 Medical Center Dr., Rockville, MD 20850
Tel: 301 838 0200
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Email: hbeetigr.org
Clones are derived from the human BAC library RPCI-11. For BAC
library availability, please contact Pieter de Jong
(pjeter@dejong.med.buffalo.edu). Clones may be purchased from
BACPAC Resources (http://bacpac.med.buffalo.edu/ordering) or from
BACPAC Resources (http://bacpac.med.buffalo.edu/ordering) or from
Research Genet cs (lifo@resgen.com). BAC end search.page:
Research Genet cs (lifo@resgen./bac_end_search/bac_end_search.html.
Seq primer: T7
Seq primer: T7
Class: BAC ends.
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1 (bases 1 to 558)
Zhao,S., Adams,M.D., Nierman,W., Malek,J., de Jong,P. and Venter
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                                                                                                                                                       /organisma"Homo sapiens"
/mol_type="genomic DNA"
/db_xref="GDB:7683219"
/db_xref="taxon:9606"
notes Vector: pBACe3.6; Site 1:
                                                                                                                sex="Male"
                                                                                                                                   clone="RPCI-11-478C4"
                                                          _type="Lymphocytes"
e_lib="RPCI-11"
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Best Local Sim
Matches 292;
                                                                                                                                                                                                                                                                                                                                                                                           source
                                                                                                                                                                                                                                                                                                                                                                                                         Email: cgapbs-remail.nih.gov
Tissus-procurement: Gilbert Smith, Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLAM11101 row: c column: 10
High quality sequence start: 5
High quality sequence stop: 556.
Location/Qualifiers
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              /db_xref="taxon:1000"
/db_xref="taxon:1000"
/clone="IMAGE:5036481"
/clone="IMAGE:5036481"
/tissue_type="spontaneous tumor, metastatic to mammary.

Stem_ceIl origin."
/tissue_type="spontaneous tumor, metastatic to mammary.

Stem_ceIl origin."
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/clone_1bi="NGI_CGAP_LU29"
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/mol_type="mRNA"
/strain="CZECH II"
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Contact: Dan
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Mammalia; Eutheria; Rodentia; Sciurognathi;
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/organism="Rattus norvegicus"
/mol_type="mRNA"
/db_xref="taxon:10116"
                                                                                                                                                                                                                                     Program.
EST Program
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Pred. No. 5.4e-42;
0; Mismatches 153;
                                                                                                                                                      Thousand
                                                                                                                1
                                                                                                                                                      Oaks,
                                                                                                                                                      ß
                                                                                                                                                                                                                                                                                                                        Vertebrata; Euteleostomi;
thi; Muridae; Murinae;
                                                                                                                                                      91320-1799,
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Rattus
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                                                                                                                                                                                                              REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
                                                                                                                                                                                                                                                                                                                                                                                  ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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CB738101
LOCUS
DEFINITION
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Best Local S
Matches 325
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          55
                                                                                                                                 One Amgen Center Drive, Thousand
Tel: 805 447-4881
Plate: 00081 row: a column: 5.
                                                                                                                                                                                         Contact: Dan Fitzpatrick
Amgen, Inc
                                                                                                                                                                                                                                   1 (bases 1 to 460)
Amgen EST Program.
Amgen Rat EST Program
Unpublished
                                                                                                                                                                                                                                                                                                                                      Rattus norvegicus (Norway rat)
Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           norvegicus cDNA-
CB738101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CB738101 460 bp mRNA linear EST 11-APR-2003 AMGNNUC:MRPE3-00081-A5-A placenta embryo D17 (10379) Rattus norvegicus cDNA clone mrpe3-00081-a5 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CB738101.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AGGCAGCTTCTGCCCATGTGAAGTCCCCATGGGTGGAGTCC-------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GGACGGTTTCTCCCAGCTCCAAGTCCCCCTGGGTGGAGTCCGAATACCTGGATTACCTTT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ----AGCTATAACAATCATTGGCGAAGAGTAGAGCATTGTGCGGGCATCAGTACTCTGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CTGACATGGCTCCCAGGGCTAGGTAGCCCCCCGAATGTGACCTACTTTGTGACCTACAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTGACATGGCTCCCAGGCTTGGCAACCCCCAGGATGTGACCTATTTTGTGGCCATCAGA 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AGGCCCCGTCTGGCCCCCCCAGAATGTGACGCTGCTCTCCCAGAACTTCAGCGTGTAC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AGGCCCCGTCTAGCCCCACCCAGAAACGTGACACTGCTCTCCCAGAATTTCACTGTTTAC
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                                                                             Location/Qualifiers
i. 460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone="nrhy5.00223-g11"
/clone=lib="W Rat hypothalamus (10471)"
/note="Vector: pSPORT1; Site_1: Sall; Site_
/note="Vector: pSPORT1; Site_1: Sall; Site_1: Site_1: Sall; Sall;
/organism="Rattus norvegicus"
/mol_type="mRNA"
/db_xref="taxon:10116"
/clone="mrpe3-00081-a5"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    GI:29805365
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Pred. No. 3e-
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426

390

366

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289

234

126

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REFERENCE
AUTHORS
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AQ772013/c
LOCUS
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ORGANISM
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Best Local S
Matches 296
                                                                                                                                                                                                                                                                 JOURNAL
MEDLINE
                                                                                                                                                                                                                                                                                                                      TITLE
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          High Throughput Sequencing Center (1975)
University of Mashington (1975)
401 Queen Anne Avenue North, Seattle, WA 98109, USA
Tel: (206) 616-3618
Tel: (206) 616-3887
Email: jwallace@u.washington.edu
Clones are derived from the human BAC library RPCI-11. For BAC
Library availability, please contact Pieter de Jong
(pieter@dejong.med.buffalo.edu). Clones may be purchased from
BACPAC Resources (http://bacpac.med.buffalo.edu/ordering_bac.htm)
or from Resear h Genetics (lift@aresgen.com). BAC end Web Server:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A0772013
A0772013
A0772013
B2_H01_SP6E_RPCI-11 Human Male_BAC_Library Homo sapiens
genomic_clone_Plate=989 Col=2 Row=P, genomic_survey sequence.
A0772013
A0772013.1 GI:5651741
GSS.
                                                                                                                                                                                                                                                                                                                                              Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 506)

Mahairas,G.G., Wallace,J.C., Smith,K., Swartzell,S., Holzman,T., Keller,A., Shaker,R., Furlong,J., Young,J., Zhao,S., Adams,M.D. and Hond, I.
                                                                                                                                                                                                                      Contact: Mahairas GG, Wallace JC,
                                                                                                                                                                                                                                                                                                              Sequence-tagged connectors: A sequence approach to mapping
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
                                                                                                                                                                                                                                                                             roc. Natl. Acad. Sci. U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTGCCGCAGGGGGTGTGATCTGGAAGACCCTCATGGGGAACCCCTGGTTTCAGCGGGCA 788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ACACGTTCAGTGTCCCGAAA-TACAGCAAGTTCTCTAAGCCCACCTGCTTGCTTGCTGGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TCCAGATCACTCTCCAGCCAGCTGCCAGCGAACACCACTGCCTCAGTGCCAGAACCATCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TCTGGAAGGAGGGGCCGGAAACAAGACCCTATTTCCAGTCACTCCCCATGGCCAGGCAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CCACGTACCAGCTGCCCCCGCATGCCCC---CACTGGATCTGAAGTATGAGGTGGCAT 489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAGATGCCCCANGCACTGGACTTTTCTGANAACAGACACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAGATGCCACGGGCCCTGGACTTTTCTGGACACACACACC 828
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ACGGCTGCAGCGGGTACGGCATGGAAGAAAATGGATGGGAA-CCCTGGTTTCAGTGGGTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GCCCCAAGGGCCAACAAGGCTGTCCTGGCGGTGCCCTTACTCTTGCTTCTACTGATAGCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GTCCCAGAAGCGAACTGGCTTTCCTGGTGCTGCCATCGCTTCTGATACTGCTGTTAGTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATACCTTAACCCACACNAAATTACAGCCTGTTCTCTGAGCCCAGCTGCATCTTCCTANCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TGAAGATTCCTCTCCAGCAAGATGCTCGTGGACGCCACTGCTTCAGCGCCAGAACCGTCT
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/clone_Tlb="placenta embryo D17 (10379)"
/note="Vector: psPORT1, placenta embryo
/note="Vector: psPORT1, placenta embryo
126 c 107 g 88 t 39 other
.htsc.washington.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 204, DB 14;
Pred. No. 1.1e-36;
0, Mismatches 99,
                                                                                                                                                                                                                                                                         96 (17), 9739-9744 (1999)
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39 others
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
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                                    1269
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                                                                   84
24
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Seq primer: SP6
Class: BAC ends
High quality sequence stop: 5
Location/Qualifiers
                                                                                                                                                                                                                              GCTGGTGGGGTGGACTCAGGGAGGCCCAGGGCTCCTCTGGTCCCAAGCGAAGGCTCCTCT 1148
CAAGAATCTAACACTCCAC
                              CAAGAATCTCTCCCACCAC 1287
                                                                   GGGTCCTCTGGCTATTTGGTAAGAAAGGGGAC
                                                                                                GOGTCCTCTGGCTATTTGGCTGAGAAGGGCCAGGCCAAGGGCCGGGTGGGGAATGGGCAC 1268
                                                                                                                                       GCGTGGGATTCTACAGACAGAAGTTGGCCAGCAGATGTGGACTCCTCCTGGGACAGGGCT
                                                                                                                                                              GCTTGGGATTCTTCAGACAGAAGCTGGGCCCAGCACTGTGGACTCCTCCTGGGACACGGGCT 1208
                                                                                                                                                                                                       TCTGGTGGGGTGGACTCAGGGAGGCACGGTGCTCATTTGGTCCCAAGAGAAGGTTCATCT
                                                                                                                                                                                                                                                                               CCGTACATTGAACCTCGTTTTATCATGGGG-AAGAGCTCCAGGCTCCAGGGCACTAGGAG
                                                                                                                                                                                                                                                                                                      CCCTACATTGAACCACCTTCTTTCCTGGGGCAAGAGCACCAGGCTCCAGGGCACTCGGAG 1088
                                                                                                                                                                                                                                                                                                                                                  CTTTGAATGCACAAAGAGTAGGAGTATG-GGAGAGCACATGAGATGGTGTTAAGTACCAA
                                                                                                                                                                                                                                                                                                                                                                                   CTTGCAGAGGACGAAGAGGAGGACGATGAGGACGACAGAAGATGGCGTCAGCTTCCAG 1028
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                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /Clone libe"RPCI-11 Human Male BAC Library"
/clone libe"RPCI-11 Human Male BAC Library"
/note="Vector: pBACe3.6; Site_1: EcoRI; Site_2: EcoRI;
Male blood DNA was isolated from one randomly chosen donor
and partially digested with a combination of EcoRI and
EcoRI Methylase. Size selected DNA was cloned into the
pBACe3.6 vector at EcoRI sites"

pBACe3.6 vector at EcoRI sites"

1 others
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol rype="genomic DNA"
/db xref="taxon:9606"
/clone="Plate=989 Col=2 Row=P"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                          12.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                        0
                                                                                                                                                                                                                                                                                                                                                                                                                      Score 201.2; DB 28;
Pred. No. 5.2e-36;
0; Mismatches 59;
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                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Search completed: September 17, 2003, 22:13:24 Job time: 2379.81 secs